PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 STRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where propriets. All further correspondence including the Patent, advance orders and notification or maintenance fees will be mainted to the course correspondence address and included under sourced below or directed oilenview in Block 1, by 10 specifying a new correspondence address, and/or (b) indirecting a repursal "FEE ADDRESS" for intenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Black 1 for any change of address) 01/03/2008 7590 Certificate of Mailing or Transmission I hereby certify that this Feed's Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facisimal transmitted to the USPTO (571)273-2885, on the date indicated below: CLEMENTS WALKER 1901 ROXBOROUGH ROAD SUITE 300 CHARLOTTE, NC 28211 Barbara C. Brown /Barbara C. Brown/ (Signature) March 26. 2008 (Date) CONFIRMATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. APPLICATION NO. Stephen B. Alexander 10 BUG CIP DIV B 5522 07/15/2003 10/618.684 ITLE OF INVENTION: REMODULATING CHANNEL SELECTORS FOR WOM OPTICAL COMMUNICATION SYSTEMS TOTAL FEE(S) DUE DATE DUE ISSUE FEE DUE PUBLICATION FEE DUE PREV, PAID ISSUE FEE APPLN TYPE SMALL ENTITY \$1740 04/03/2008 nonprovisional NO \$1440 \$300 SO ART UNIT CLASS-SUBCLASS FXAMINER 398-183000 2613 SEDIGHIAN REZA . Change of correspondence address or indication of "Fee Address" (37 :FR 1.363). 2. For printing on the patent front page, list 1 CLEMENTS BERNARD MILLER (1) the names of up to 3 registered patent attorneys Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, 2 Christopher L. Bernard (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custumer 3 Tyler S. Brown Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filled for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE CIENA CORPORATION Linthicum, MD Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🚨 Government 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) la. The following fee(s) are submitted: S Issue Fcc A check is enclosed. Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any Advance Order - # of Copies (enclose an extra copy of this form). overpayment, to Deposit Account Number 5. Change in Entity Status (from status indicated above) □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This callection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, 7.0. Box 1430, (Ascandris, Virginia 22131-1450. DO NOT SEMD FEES OF COMPLETED FORMS TO "HIS ADDRESS. SEND TO: Commissioner for Planting, P.O. Box 1430, (Ascandris, Virginia 22131-1430.

Date 3-26-2008

Registration No. 48, 234

Authorized Signature /Christopher L. Bernard/

Typed or printed name

Christopher L. Bernard